



# Welcome to the 2017 ENERGY STAR Products Partner Meeting

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# **ENERGY STAR Updates**

**Peter Banwell**

**U.S. EPA**

**ENERGY STAR Partner Meeting**

**October 24, 2017**



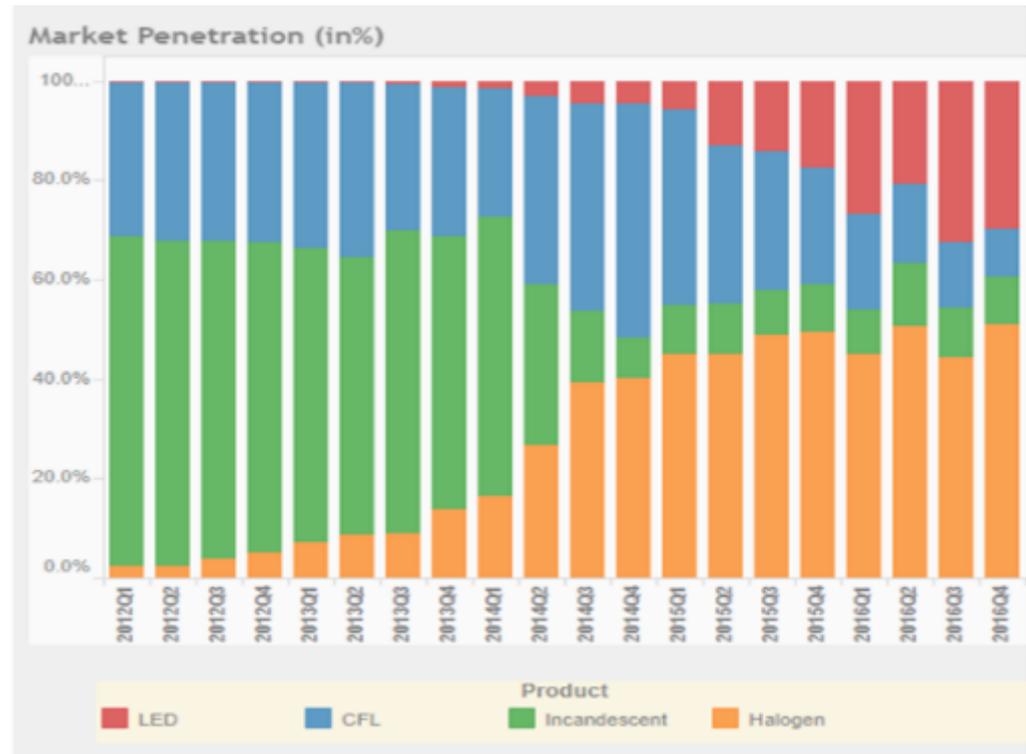
# Overview

- New Technology Initiatives for 2018
  - Lighting
  - Super efficient products
- New Program Approaches
  - Retail Products Platform
  - Midstream



# 2018 Technology: Lighting

- Inefficient bulbs = 50% of all light bulb sales
- 60% of existing sockets contain an inefficient bulb



# LIGHTING: QUALITY CONTROL

## International Manufacturer Visits



Brand A

Brand B

Brand C



## 2018 Technology: Water Heating

Heat Pump Water Heaters  
Savings = 2020 kWh (annual)

Barriers:

- First Cost
- Purchasing Process
- Installation

Market Share - 1%





## 2018 Technology: Most Efficient Dryers

- 28% savings over Federal Standard
- 200 – 500 kWh Per year
- Market Share – 1%



## Revisions and New Product Specifications

### Revisions:

- 2 effective in 2017
- 8 will be completed in 2017
- Plan to complete 7 in 2018

### New products:

- 5 coming on line in 2017
- Plan to work on 2 for 2018





## ENERGY STAR Most Efficient 2018

- Clothes Washers
- Refrigerators
- Dishwashers
- Clothes Dryers
- Ventilating Fans
- Heat & Cooling
- Ceiling Fans
- Computer Monitors
- Windows
- Dehumidifiers





# ENERGY STAR 2017 Emerging Technology Award

- 2016-7 Innovative Refrigerant Systems
  - 30 models from Bosch, Dacor, and Samsung
  - 46 commercial models from True Manufacturing
- 2017 – 8 Solid State Refrigeration
  - Award winning model from Phononic



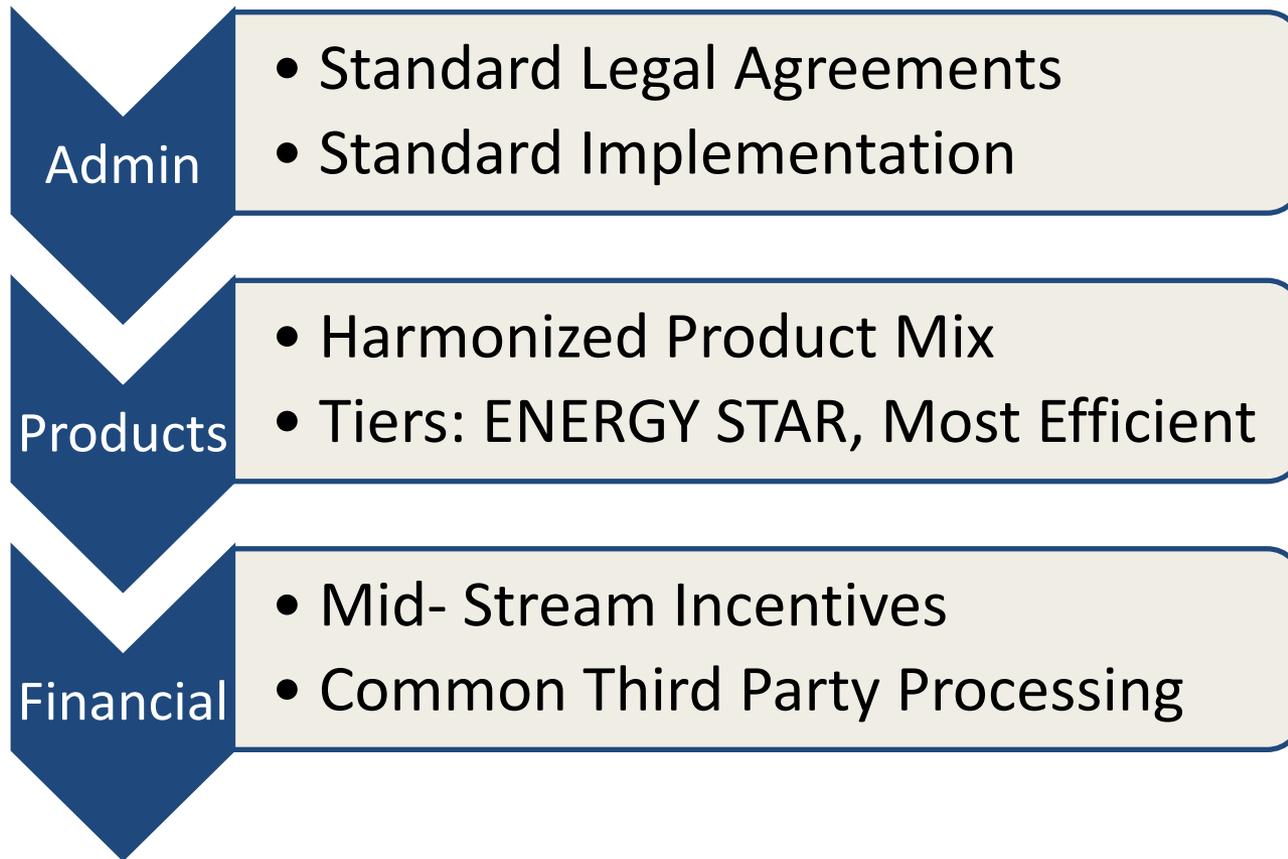
# Electric Vehicle Chargers



- 680,000 Electric cars in the USA
- 45,000 Public charging stations



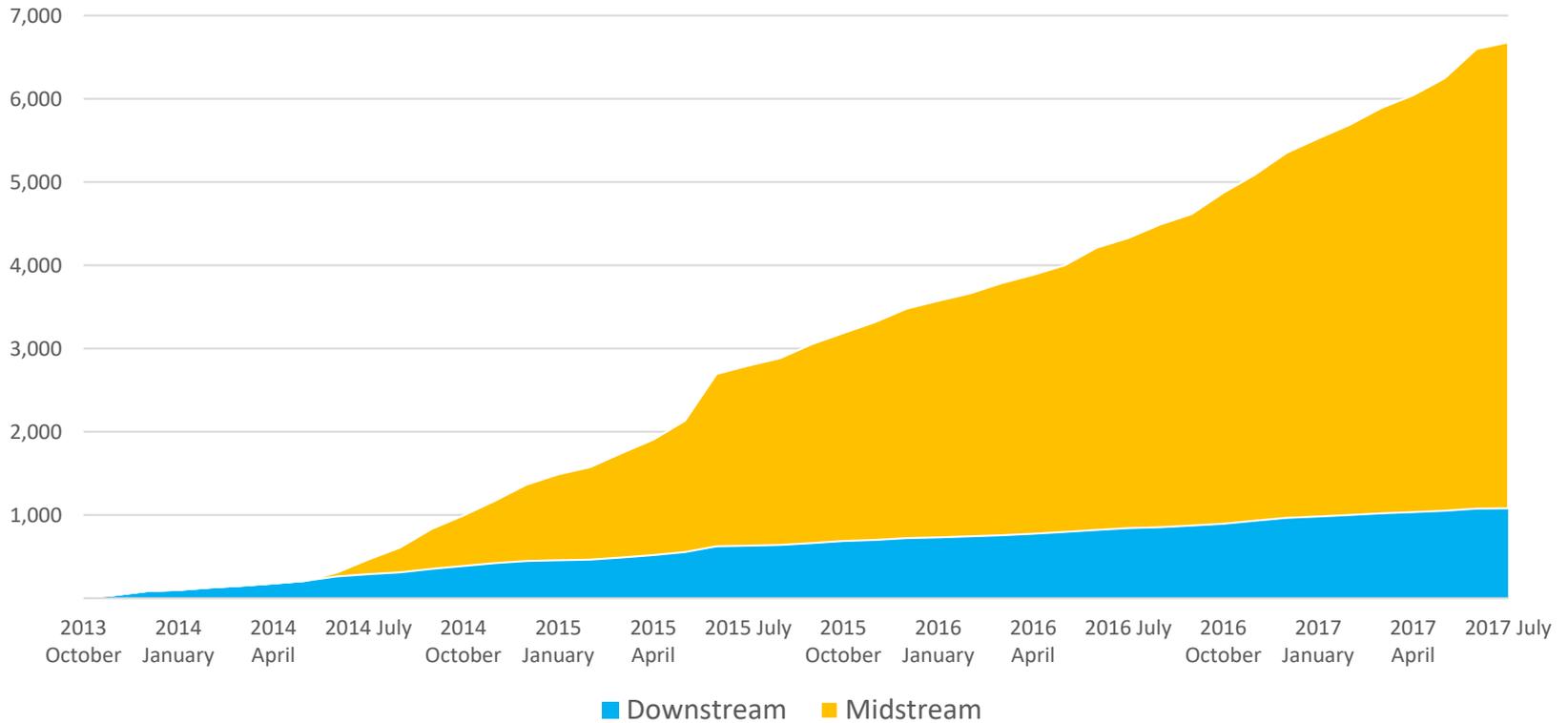
## 2018 Program Approaches: ENERGY STAR Retail Products Platform





# 2018 Program Approaches: Midstream

Cumulative Water Heater Units Sold



Source: VEIC





# Summary

## Lighting

- Room to grow

## New Technologies

- Huge Savings – Dryers, Water Heaters

## New Technologies

- Most Efficient, Emerging Technologies, EV Chargers
- New ENERGY STAR specifications

## New Program Approaches

- Midstream